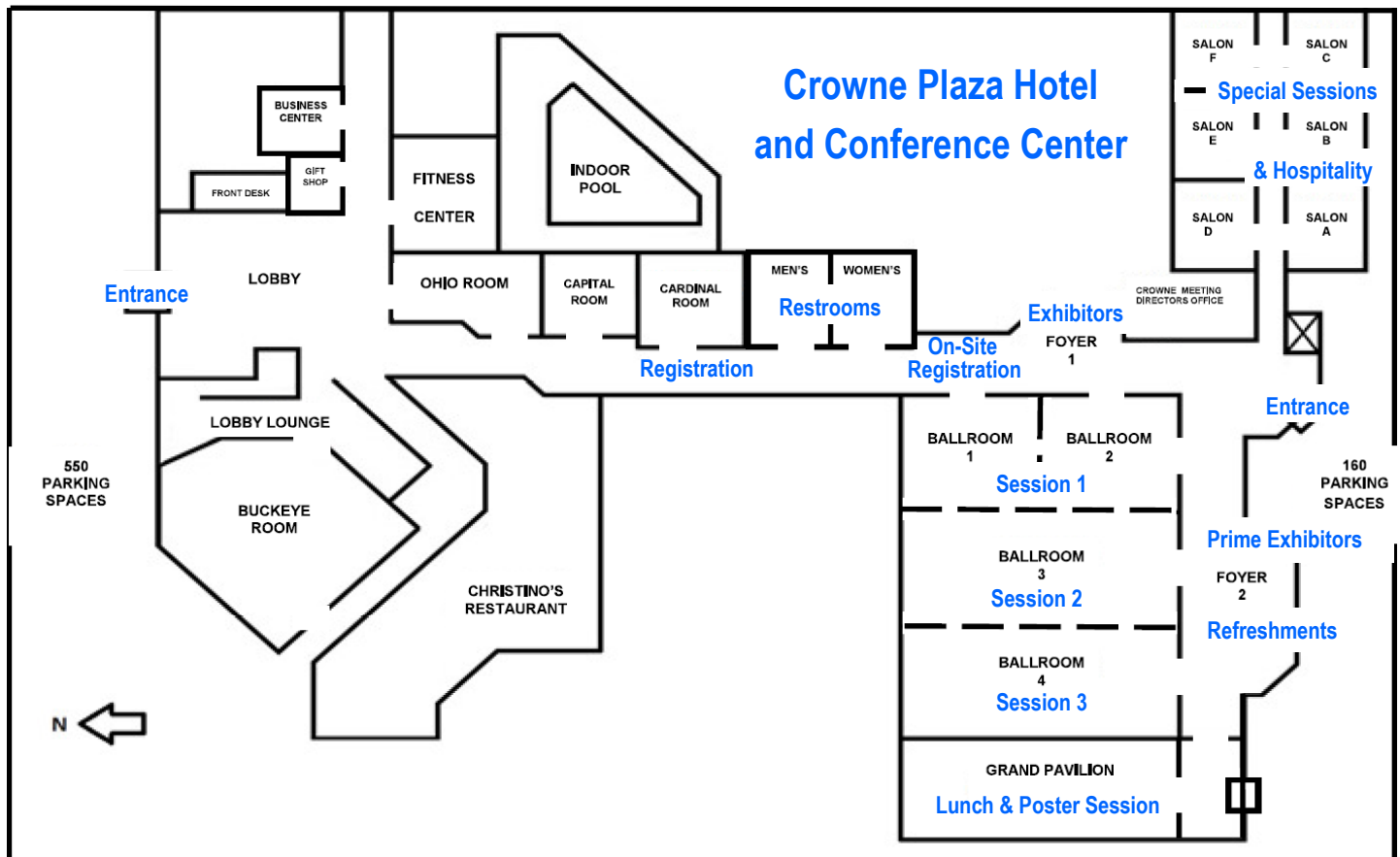


50th Annual WMAO Conference

Engaging Water Professionals Through the Decades


November 3 & 4, 2021

Crowne Plaza Hotel North, Worthington/Columbus, Ohio



Engaging Water Professionals Through the Decades

Wednesday, November 3, 2021

7:30 - 8:30	WMAO Networking Breakfast with Water Buffalo (limited space - ticket purchase required)			
8:30 - 9:15	Registration, Coffee, & Visit Exhibitor Hall - Foyers 1 & 2			
9:15	Welcome and Introductions - Ballroom 3 & 4: <i>Melissa Menerey</i> , Conference Chair and <i>Eugene Braig</i> , WMAO President			
9:30 - 11:00	Keynote Address: Governor Mike DeWine (invited) Update on H2Ohio with State Agency Partners <i>Anne Vogel</i> , Office of the Governor <i>Eric Saas</i> , H2Ohio Program Manager, Ohio Department of Natural Resources <i>Dorothy Pelanda</i> , Director, Ohio Department of Agriculture <i>Laurie Stevenson</i> , Director, Ohio Environmental Protection Agency <i>Joy Mulinex</i> , Director, Lake Erie Commission			
11:00 - 11:45	Ohio's Environment Through the Decades: <i>Carolyn Watkins</i> , Ohio Environmental Protection Agency			
12:00 - 1:00	Awards Luncheon - Grand Pavilion			
	Concurrent 1 - Ballroom 1 & 2	Concurrent 2 - Ballroom 3	Concurrent 3 - Ballroom 4	Salon B/C
	Ohio Dam Safety Organization - ODSO	Ohio Lake Management Society - OLMS	Ohio Floodplain Management Association - OFMA	
1:15 - 1:45	90 Years of Change: The Lower Guard Wall at Charleroi Locks and Dam (<i>Timothy Hampshire</i> , DLZ Ohio, Inc.)	Restoring the Water Quality of Chippewa Lake (<i>Isaac Smith</i> , Medina County Park District)	Hazard Mitigation Assistance Grant Update (<i>Jacob Hoover</i> , Ohio Emergency Management Agency)	
1:45- 2:15	Subaqueous Construction Ohio River Lock and Dam (<i>Andy Baxter</i> and <i>William Walton</i> , GEI Consultants)	Advancing Stormwater Management at Marinas in the Great Lakes (<i>Heather Sheets</i> , Ohio Department of Natural Resources / Ohio Clean Marinas)	What to do about these dams? A case study for low-head dam removal on the Mahoning River (<i>Chad Boyer</i> , ms consultants, inc.)	
2:15 - 2:45	Lockington Dam Right Wall Drain System and Concrete Repair Project (<i>Barry Puskas</i> , Miami Conservancy District)	New Approaches for the Portage Lakes: Plan, Partnership, and Plants (<i>Maia Peck</i> , Northeast Ohio Four County Regional Planning and Development Organization)	What's in a LOMR? That which we call an MT-2 would smell as sweet (<i>Mark Seidelmann</i> , Stantec Consulting Services, Inc.)	
2:45 - 3:15	Break & Visit Exhibitor Hall - Foyers 1 & 2			
	Ohio Dam Safety Organization - ODSO	Ohio Lake Management Society - OLMS	Mineral Resources Management	
3:15- 3:45	Dam Removal in Ohio - Process and Case Studies (<i>Jonathan Scheibly</i> , Stantec, Inc.)	Hydrilla Control and Eradication Efforts in Ohio (<i>Mark Warman</i> , Cleveland Metroparks)	The Panhandle Archaic (<i>John Boilegh</i> , Ohio Department of Natural Resources)	Careers in Water Resources: Professional and Student Networking Event
3:45 - 4:15	Kinsman Lake Dam Failure (<i>Keith Banachowski</i> , Ohio Department of Natural Resources)	Nitrogen Loading Trends for Several Lake Erie Tributaries at Multiple Temporal Scales (<i>Nathan Manning</i> , Heidelberg University)	Hydrology of Coal Permitting (<i>Laura Bibey</i> , Ohio Department of Natural Resources)	
4:15 - 4:45	Failure of the Fujinuma Dams During the March 11, 2011 Tohoku Earthquake (<i>Daniel Pradel</i> , The Ohio State University)	Monitoring Harmful Algal Blooms in Ohio (<i>Ruth Briland</i> , Ohio Environmental Protection Agency)	Biological Recovery: AMD and Stream Restoration (<i>Marissa Lautzenheiser</i> , Rural Action)	
5:00 - 6:15	Reception & Poster Session, Drawing 1 for Vendor Challenge - Grand Pavilion			
6:30 - ??	After Hours Pizza Hospitality & Cash Bar - Salon B/C			

Engaging Water Professionals Through the Decades

Thursday, November 4, 2021

8:00 - 8:30	Registration, Refreshments, & Visit Exhibitor Hall - Foyers 1 & 2			
	Concurrent 1 - Ballroom 1 & 2	Concurrent 2 - Ballroom 3	Concurrent 3 - Ballroom 4	Salon B/C
	Ecology	Ohio Watershed Professionals Association - OWPA	Ohio Stormwater Association - OSPA	
8:30 - 9:00	Updating Level 2 Macroinvertebrate Sampling Protocols (Christine Szymanski, Ohio Department of Natural Resources)	Metroparks: Your Local Watershed Partner (Jennifer Grieser, Cleveland Metroparks)	Avoid Vegetation Consternation: Proactive Vegetation Control in Regulated Stormwater Infrastructure (Christina Znidarsic, Davey Resource Group)	
9:00 - 9:30	Cincinnati-Area Environmental Mitigation and Suitability Model (Margaret Minzner, OKI Regional Council of Governments)	Harroun Park Stream Restoration: Challenges in an Urban Setting (Deanna Bobak, Civil & Environmental Consultants, Inc.)	Effects of Land Use on Thermal Enrichment of Urban Stormwater and Mitigation of Runoff Temperature by Watershed Scale Stormwater Control Measures (Ian Simpson, The Ohio State University)	
9:30 - 10:00	Mapping Soil Salinity and Investigating the Variability of Soil and Water Salinity in the Mentor Marsh (Suresh Sharma, Youngstown State University)	Tile Drainage Causes Flashy Streamflow Response in Ohio Watersheds (Sam Miller, The Ohio State University)	Importance of Soil Fertility within a DOTs Stormwater Management Program (Mark McCabe, JEO Consulting Group)	
10:00 - 10:15	Break & Visit Exhibitor Hall - Foyers 1 & 2			
	Groundwater	Nonpoint Source Pollution	Drinking Water	Conservancy Districts Meeting
10:15 - 10:45	Unconventional Oil and Gas-Related Water Withdrawals in the Ohio River Basin (Christopher Spiese, Ohio Northern University)	NPS Strategies: Development and Regular Maintenance Brings Funding Opportunities (Rick Wilson, Ohio Environmental Protection Agency)	Minimizing Cyanobacterial Cell Lysis During Permanganate Pre-Oxidation (Maycee Hurd, The Ohio State University)	
10:45 - 11:15	Miami Conservancy District and the Modernization of Water Data Management (Michael Casey, Aquatic Informatics and Mike Ekberg, Miami Conservancy District)	Development of NPS-IS for agricultural watersheds in the Great Miami River Basin (Monica Rakovan and Agnes Marchlewska, Environmental Solutions AQ)	What is Going on with our Water Main Assets? (Murat Ulasir, OHM Advisors)	
11:15 - 11:45	PFAS - What's New (and Old) (Jeffrey Kauffman, Del-Co Water Company, Inc.)	ODA Watershed Managers and H2Ohio Planning (Peter McDonough, Ohio Department of Agriculture)	Evaluating the Shifting Role of PCR Technologies in Routine Legionella Monitoring (Michael Loewenstein, Q Labs LLC)	
12:00 - 1:00	Lunch, WMAO Annual Meeting, Drawing 2 for Vendor Challenge - Grand Pavilion			
1:00 - 1:30	WMAO Division Annual Meetings or Visit Exhibitor Hall			
	Education & Outreach	Agriculture	Water Treatment	Ohio Water Resources Committee Coordinating Meeting
1:30 - 2:00	My Backyard Stream - A Citizen Scientist Online Platform (Jen Bowman, Ohio University Voinovich School)	Collaboration and tools for agriculture water and nutrient management practices at the edge of field (Jessica D'Ambrosio, The Nature Conservancy)	Designing Manufactured Treatment Devices (MTDs) with Maintenance in Mind (Dana Hinaman, Contech Engineered Solutions)	
2:00 - 2:30	How's My Waterway-Exploring Your Local Waters (Kiki Schneider and Cynthia Johnson, U.S. Environmental Protection Agency)	Precipitation Impacts on Nutrient Loss from Western Lake Erie Basin Elevated-Phosphorus Fields (Rachelle Crow, The Ohio State University)	The History and Mathematics of Cleveland's Egg Sewers (MaryAnne Hejna, CT Consultants and Teresa Cutright, Akron University)	
2:30 - 3:00	Trout In The Classroom (Don Dean, The Ohio State University & Spencer Reams, Benjamin Logan High School)	Transitioning to a Nutrient Management Conservation Focus (Terry Mescher, Ohio Department of Agriculture)	Ohio Coronavirus Wastewater Monitoring Network (Zuzana Bohrerova, The Ohio State University)	
3:00 - 3:15	Break & Visit Exhibitor Hall - Foyers 1 & 2			
3:15 - 4:45	Ice Cream Social, Celebrating the Decades, Drawing 3 for Vendor Challenge - Grand Pavilion			

A Special Thank You to Our Sponsors!

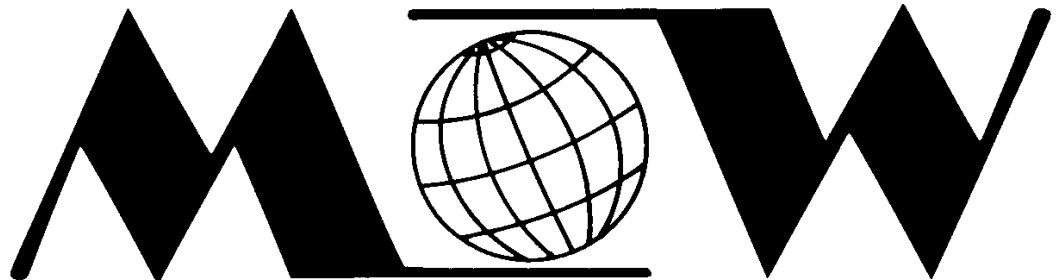


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